



JERRY COLLINS AND HIS ORCHESTRA will make a return engagement for Y-12's big Halloween Dance, set for Friday, October 29. The Knoxville music-makers were a big hit at the Spring Dance.

Friday, October 29, Is Chosen As Big Halloween Dance Night For All Y-12ers

Halloween comes on Monday this year . . . and that's no day for a party. So, Y-12 is going to jump the gun a little and celebrate early . . . Friday, October 29. That's exactly two weeks from this coming Friday . . . so circle the calendar now.

Prizes will be awarded for the best costumes there . . . so start sewing or thinking about it.

Jerry Collins and his orchestra, the hit of the Spring Dance, will make a return engagement for smooth music for the spooks.

Tickets are only \$1.50 each, or \$3 a couple.

They are available from:

Mary Thompson Building 9998

Daisy Ward
Cleo Sideris
Jeanne Cothron
Shirley Humphrys
Frances Donahue
Madeline Keck
Bob Hopkins
J. P. Smith
Dottie Fielder
Wanda Livesey
Jo Ann Isham
Bobbie Watkins
Marilyn Barnhill
Jo Walpool
Ernestine Elam
Doris Matthews
Mildred Scott
Charles E. Gillihan

9995 Faye Duncan
9202 Margaret Kirby
9202 Helen Long
9720-8 Donna Ferguson
9734 Kathleen Milligan
9739 Cafeteria
9733-1 & 9733-2 Recreation
9733-3 So, you spooks and goblins,
9720-6 grab your best gal and come on
9212 out to Friday, October 29's big
9212 party.
9204-2 You can come as anything . . .
9204-4 costumes are optional. But it's
9203 more fun if nobody knows who
9706-2 you are, for a while, at least.
9706-2 The dancing will be from 9 p.m.
9706-1A until 1 a.m. The scene will be the
Oak Terrace Ballroom.
That's Friday, October 29.
Don't forget the date!

IEEE To Hear Of Power Reactor

The Oak Ridge Section of the Institute of Electrical and Electronic Engineers meets tomorrow, Thursday, October 14. E. S. Bettis, ORNL Reactor Division, will speak on the application of Molten Salt Breeder reactors to the production of power. He holds a BS degree from Davidson College and an MS from Cornell.

Bettis' main field of activity has been in the reactor field. He was associated with the ANP Project with Fairchild Aircraft Company and later transferred to Oak Ridge National Laboratory. He was project engineer for the Aircraft Reactor Experiment and designer for the Molten Salt Reactor Experiment. He served as a supervisor in ORNL's Instrumentation and Controls Division, and has also been closely associated with the Thermonuclear project here.

The meeting is set tomorrow at 7:30 p.m., in the Green Room at the Ridge Recreation Hall. The public is invited.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
Five Days Or
114,000 Man-Hours
(Unofficial Estimate)
Through October 10
Without A Disabling
Injury
For Daily Report
On Accident-Free Hours
Phone 3-7755

Accounting And Budget, Product Engineering Top UF 'Fair Share'

Two Divisions Already Over-The-Top In Four Days Of United Fund Soliciting!

Congratulations to the Product Engineering Division and Accounting, Budget and Scheduling! These two Y-12 divisions have reported in over 100 percent of their 'fair share' of giving to the United Fund. With only four days of the drive reported several departments have come through with employees pledging at least three-tenths of one percent of their income to the UF efforts.

Departments 'over the top' include Development Operations, Ceramics and Plastics Development, Laboratory Development, General Shop Job Liaison, Safety Department, Industrial Relations Administration, Publications, Training, Recreation, Labor Relations, Employment, Superintendents and the Timekeeping. A tip of the hat to these departments also.

Through October 7 the following status report gives a run-down on the progress thus far.

Division	Quota	Reported	Percent
Accounting and Budget*	\$ 700	\$ 706.96	101
Assembly	3,697		
Development	5,224	2,894.40	55
Engineering	5,004	74.50	1
Fabrication	19,109	1,896.36	10
Industrial Relations	1,326	771.24	58
Maintenance	21,677	3,009.36	14
Metal Preparation	9,236		
Product Engineering*	2,902	3,037.04	105
Superintendents	2,655	1,652.44	62
Shift Superintendents	4,460	706.16	15
Product Certification	6,475	1,256.04	19
Technical	3,287	1,444.20	43
Material and Services	3,248	815.64	25
Total Plant	\$89,000	\$13,964.34	15.6

*Reports all in . . . OVER THE TOP!

"We are very encouraged by the initial reports," United Fund co-chairmen stated. "It looks like 'fair share' participation is catching on among Y-12ers. Increased giving is noted in almost every instance."

Meanwhile, departmental and divisional solicitors paid special tribute to some of their helpers on the spot.

In the Maintenance Division, literally scores of earnest workers were named. In Electrical, along with A. K. Johnson, it was Ed Cook, J. V. Bibee, L. J. Adkisson, C. F. Chandler, R. C. Blevins, D. L. Moore, H. F. Clayton, B. Cobb, W. H. Pool, A. T. Wallace, D. C. Martin, A. Mills, J. L. Young and J. D. Moore. General Plant Maintenance named D. A. Jennings, C. F. Jenkins, R. W. Hayes, L. A. Johnson, E. E. Mauney, C. M. Buttram, J. W. Minchey, E. H. Bass, R. W. Malone, B. F. Nicely, R. E. Mellon, C. C. Niemeier, R. Harris, P. B. Proffitt, R. L. Chrisman, L. M. Anthony, C. L. Howard, G. W. Smith and C. J. Greene. Along with M. B. Tate were C. T. Haun, T. W. Noe, R. E. Melton, F. E. Clevenger, E. L. Hill, and S. D. White.

Maintenance Names Solicitors In All Divisional Sections

In Process Maintenance working with T. C. Trotter are P. A. Cuthbertson, U. L. Aispaugh, W. N. Proffitt, W. D. Blevins, C. J. Price, J. H. Campbell, L. E. Hart, R. W. Clary, R. J. Malone, C. D.

Continued on Page 4



MAINTENANCE DIVISION kicked off its United Fund drive for 1965 with a meeting in the Cafeteria as solicitors hear administrative and union representatives endorse the many agencies served by Y-12's once-a-year campaign.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNGEditor

Member



Appalachian
Industrial
Editors'
Association

OFFICE

Post Office Box Y
Oak Ridge, Tenn. 37831
Bldg. 9704-2 Room 137
Telephone 3-7100



Mid-October with its snappy mornings finds more Y-12ers passing important milestones with Union Carbide Corporation. Congratulations.

20 YEARS

Lester W. LaRue, Guard Department, October 15.

15 YEARS

Charles L. Huddleston, Buildings, Grounds and Maintenance Shops, October 13.

Joe B. McConnell, General Can Fabrication Shop, October 15.

Bernard J. Beck, General Metal Fabrication Shop, October 16.

Charles R. Sullivan Jr., Medical Department, October 16.

Howard L. Horne, Maintenance Administration Services, October 16.

Raymond R. Galford, H-2 and F-Area Shops, October 16.

Rupert O. Osborn, Buildings, Grounds and Maintenance Shops, October 16.

William M. Stephan, Buildings, Grounds and Maintenance Shops, October 16.

Calvin A. Scarbrough, Process Maintenance, October 16.

Leonard Bowers Jr., Process Maintenance, October 18.

J. R. Harris, Buildings, Grounds and Maintenance Shops, October 18.

Basil R. Kitts, Research Services, October 19.

Edgar C. Underwood, Research Services, October 19.

Bishop Jordan, Buildings, Grounds and Maintenance Shops, October 19.

Sam P. Eubanks, Area Five Maintenance, October 19.

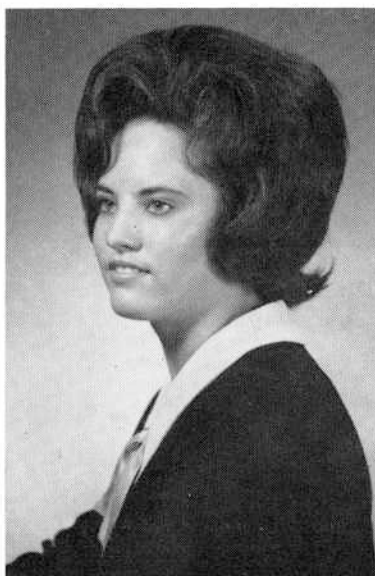
10 YEARS

Basil E. Lett, H-2 and F-Area Shops, October 17.

**ONE GIFT
WORKS
MANY
WONDERS**

REMINDER

**All Y-12 Ghosts, H'ants, Spooks
and Goblins (Boogers, Too!)
Save Friday, October 29, 1965
for Y-12's
Big Halloween Dance**



Miss Carolyn Annita Loveday



Miss Josephine Ruth Brown

Hearts Are Better Than Our Math!

In last week's United Fund appeal, our hearts were better than our arithmetic! Fair Share giving . . . one-third of one percent of one's annual salary was defined as a package of cigarettes for every \$10 of income. A third-grade student informed us that three-tenths of one percent of an even \$100 comes to the price of a package of cigarettes.

Or, if you will, a carton of cigarettes for every \$1000 income roughly! That's quite a difference.

United Fund drive people, plus an editor, are going to take a course in the new arithmetic . . . since the old didn't take too well on any of us!

Krause Will Lead Thernuclear Seminar

M. O. Krause will conduct this week's Thernuclear Division seminar. His topic will be "Charge and Energy Spectrum of Atoms Ionized in Inner Shell."

The seminar is set for Thursday, October 14, 9 a.m., in the Conference Room, Building 9201-2.



LOVEDAY—PHILLIPS

Mr. and Mrs. Howard Loveday, Route 4, Sherwood Estates, Clinton, announce the engagement of their daughter Miss Carolyn Annita Loveday to Mr. James Morris Phillips. The bride-to-be's father is in Y-12's Assembly Dispatching.

The prospective groom is the son of Mr. and Mrs. Morris Phillips, Route 6, Glenwood Drive, Clinton.

Miss Loveday is a 1964 graduate of Clinton High School and is employed by Home Credit Company, Oak Ridge.

Mr. Phillips is a 1961 graduate of Oliver Springs High School and was recently discharged from the United States Air Force. He is employed by Dallas Airmotive, Inc., Dallas, Texas, and attends the International Business Machines Company school.

The wedding will take place in February at the Edgemoor Baptist Church.

BROWN—FORD

Mr. and Mrs. Laurence E. Brown, Midway Subdivision, Oliver Springs, announce the engagement of their daughter, Miss Josephine (Joy) Ruth Brown, to Mr. J. P. Ford. The prospective bride's father is in Y-12's Area Five Maintenance.

The groom-to-be is the son of Mrs. Howard Sanders, Chattanooga.

Miss Brown is a 1961 graduate of Roane County High School and of the Tennessee School of Beauty, Oak Ridge. She is employed at The Elite Salon of Beauty, Kingston.

Mr. Ford is a 1959 graduate of Calhoun High School, Calhoun, Tennessee, and is a contractor in Kingston.

The wedding is set for 3:30 p.m., Saturday, October 23 at Cedar Grove Baptist Church near Kingston. Friends of both families are invited to the ceremony.



Katy Kutkost
SEZ:

ACHTUNG! Oil Users.

If we're wrong we'll apologize—but from the data we've seen on cleaning up spent vacuum pump and hydraulic oil by molecular sieve, all other existing methods are poor second choices.

Sludge formation in the big Beta Four press hydraulic oil system made "busy" work for maintenance as well as headaches for the production people. This happened despite periodic oil clean-up by the conventional vacuum flash—vaporization, diatomaceous earth filtering. Switching to a molecular sieve system was the best move Spears Vavilides has made since he left Greece.

Anybody doing likewise can expect a payout in six to 18 months—and normally the reclaimed product will have less moisture and acid than the new oil.

Contact Chief of Sieve Sales Bob DeMonbrun, Utilities, 3-7301. He's got a unit all set up to show what can be done with your particular stream.



Y-12's UNITED FUND EVALUATING COMMITTEE visited the Daniel Arthur Rehabilitation Center and Emory Valley School last week to see first-hand United Fund dollars at work. Part of the committee, standing from left, are L. A. Litton, N. A. O'Neal (co-chairmen), Marvin Schwenn, W. S. Porter, Ed Pluhar, co-chairman and Charles Hughes. Mrs. G. C. Kyker, an instructor, is seated before her seven students.

Y-12ers Visit Daniel Arthur Rehabilitation Center Here

A fact sheet reveals that a very small part of the Daniel Arthur Rehabilitation Center's budget comes from the United Fund. Actually, the \$230,000 budget for this year will come from the United Funds in Anderson, Roane and Loudon County, private fees, contributions, Anderson County Board of Education, sale of products, medical insurance programs, Tennessee Departments of Education, Public Health, and Mental Health, and nearly all of the national voluntary health agencies.

Actually the Rehabilitation Center is more than a 'budget item' or a 'place where Red Feather money goes.' Here any handicapped individual is helped or treated. The Center serves all types of patients suffering from any type of physical, emotional, or mental disabilities. Some of the clients have multiple handicaps.

Adults and children alike received rehabilitation treatment. At present there are 58 full-time employees plus a number of part-time personnel and consultants which provide for a very satisfactory client-staff ratio.

Many Referral Sources

Clients are referred to the Center from a number of sources including school systems, county health and welfare departments, Tennessee Department of Public Health and Division of Vocational Rehabilitation, the two Mental Health Centers in this area, private physicians, insurance companies, volunteer health agencies, and some self referrals.

The present client load at the Center, seen on a daily basis, is about 300. But, so much for figures, budgets and masonry buildings.

Service Is Watchword

The heart of Daniel Arthur is in its service. An emotionally disturbed child who cried because he has to go to school. Or a child who only eats milk and crackers . . . even though he is eight years old. Or a child, also eight, who was burned at age two, losing an arm and scarring his face. He is bright, alert, but must be acclimated to the plastic surgery he faces for the next 10 to 15 years. Or a child suffering from hydro-

cephalus . . . these, plus the blind, the mute, the deaf, or those just plain maladjusted . . . or the retarded.

A young man practices therapy on a rig that looks like a bicycle. He was injured in an auto accident last year at college. For three weeks he was unconscious. At the center he has relearned the processes of talking, walking and coordination.

Employees Use Services

Employees at Union Carbide's plants go to the Center for therapy also. Arthritis victims . . . and so the list goes.

Where the patient can afford it, he pays . . . or if he has insurance he pays also . . . but no one who needs help is turned away because of finances.

The United Fund Evaluating Committee for Y-12 visited the Daniel Arthur Rehabilitation Center and Emory Valley School (where the severely retarded are trained) last week.

Happy To Learn

The handicapped children at the Center seem happy to be learning. We were made happy to see them loved and treated as useful members of society, and not hidden away at home in shame.

Being handicapped is no shame any longer.

The shame comes when a community fails to accept the challenge and do something about it. Local citizens have done something about it . . . and the Emory Valley School and Daniel Arthur Rehabilitation Center are living monuments to man's concern for other men.

That's where part of our United Fund money goes.

Every Evaluation Committee person visiting the Center marveled at the use of UF money . . . and other funds.

So, the first place visited by the continuing committee passed in fine style. Money put in the Rehabilitation Center is certainly money well spent!

ANCIENT PHILOSOPHY

A message in Sanskrit, written centuries before Christ, states: "All you have in your two dead hands is that which you have given away."



JIM GRUBB RECENTLY DESERTED the ranks of the Knoxville Bears because of a cracked rib. Now he becomes a king-bee on the golf greens, earning the first hole-in-one on the Melton Hill Golf greens, across the lake.

Jim Grubb Fires Melton Hill Course's First Hole-In-One On 166-Yard No. 8

Barely out of the saddle for the Knoxville Bears, Jim Grubb is a golfer now, for sure! After a rib injury, Jim decided to give up the professional football game (he didn't have much time for it, anyway) and stick to less strenuous types of recreation.

Now he earns fame as gaining the first hole-in-one on the Melton Hill Course.

It was number eight that Jim zeroed in on... a 166 yard, three-par course. He used a number seven iron on the magic numbered hole. Y-12er Joe Pryson, along with Herman Stewart and Jim Miller were the rest of the excited foursome.

Grubb is in Physical Testing, and lives with his family at Route 2, Powell.

Underdogs Take Mixed League Wins

Most of the league leaders in the Mixed Bowling League last week fell, as lower-based teams moved upwards. The only four point win of the night went to the Blue Angels over the Subs. Three points were gained as the Alley Cats overcame the Chumps, the Twisters tamed the Better Halves and the Mustangs mauled the Goofers.

Females gaining honors were Dixie Stinnett, Twisters, who rolled a 179 scratch, 237 handicap game. Her 581 handicap series was high also. Ernestine Teeter, Chumps, took a 435 scratch series.

George Cantrell, Mustangs, posted a 204 scratch game and a 527 series. Don Stinnett, Twisters took a 247 handicap single... and Roy Worley, Mustangs, tallied a 619 handicap series.

Teamwise it was the Mustangs all the way... singles of 644 scratch, 791 handicap... series of 1824 and 2265.

League standings follow:

Team	W	L
Goofers	13	3
Chumps	9	7
Subs	8	8
Alley Cats	8	8
Blue Angels	7	9
Twisters	7	9
Better Halves	6	10
Mustangs	6	10

The cure for juvenile delinquency may be more stern punishment.

Big Five Gain C Bowling Lead

The Big Five punched their way into the lead in the C Bowling League last week, by knocking out the Rounders for the full count. Other four-point wins went to the Rollmasters past the HiLifers, and the Rodders over the Parbusters. Three points were gained as the Strikers out-struck the Fireballs, the Invalids sailed past the Shud-A-Beens, and the Badgers bested the Sunflowers.

Tommy Overton, Big Five, had a big scratch game of 226. J. V. Haggard, Rodders, rolled a 268 handicap single. Haggard's series of 566 scratch, 698 handicap were high.

The Big Five rolled all the way in team honors... singles of 936, 1024; series of 2617 and 2936.

League standings follow:

Team	W	L
Big Five	12	4
Rollmasters	11	5
Parbusters	9	7
Strikers	9	7
Rounders	8	8
Fireballs	8	8
Invalids	8	8
HiLifers	7	9
Sunflowers	7	9
Rodders	7	9
Badgers	5	11
Shud-A-Beens	5	11

GENUINE OLD FOSSIL

The oldest fossil of a flowering plant with palm-like imprints was found in Colorado in 1953. It is believed to be 65 million years old.

Swingsters Widen Classic 1st Berth

The Swingsters stretched their lead in the Classic Bowling League last week by seizing four points at the expense of the Rebels. Four-point wins also were scored as the Has Beens tore past the Tigers, the Rippers ripped past the Eightballs, the Screwballs sailed past the Wasps, the All Stars overcame the Splinters, and the Cubs clawed past the Smelters. Three points were gained as the Wolves bumped the Bumpers and the Playboys pelted the Markers.

Jay Holzknicht, Rippers, was 'big daddy' on the scoreboard for individuals... posting a 225 scratch, 251 handicap game... and a series of 627 scratch, 705 handicap.

The Has Beens topped out in singles with an 896 scratch total. The All Stars held handicap scoring highs with singles of 1034 and series of 2995. The Rebels came in for their share of honors taking a handicap series of 2529.

League standings follow:

Team	W	L
Swingsters	20	4
Bumpers	16	8
Has Beens	16	8
Rippers	14	10
Wolves	13	11
Wasps	12	12
Tigers	12	12
Playboys	12	12
Screwballs	12	12
All Stars	11	13
Eightballs	10	14
Cubs	10	14
Splinters	9	15
Markers	9	15
Rebels	8	16
Smelters	8	16

Recreation



Saturday, October 16

HAM SHOOT: E, F, G, H, and J Shift. All Y-12ers welcomed. 10 a.m., Oak Ridge Sportsmen's Association.

Monday, October 18

TENNIS LEAGUE: By arrangement as per schedule. PISTOL LEAGUE: 7:30 p.m., Anderson County Gun Club.

BOWLING: C League, 5:45 p.m.; Bush League, 8 p.m., Ark Lanes.

Tuesday, October 19

PHYSICAL FITNESS: 7:30 p.m., Oak Ridge High School Gymnasium.

Wednesday, October 20

BOWLING: Mixed League, 8 p.m., Ark Lanes.

Thursday, October 21

BOWLING: Classic League, 5:45 p.m., Ark Lanes.

NOTE: Save October 29 for Y-12's Big Halloween Dance!

Y-12 Riflemen Lag In Firing

Y-12 Riflemen were led again by Jack Huff last week in both scratch and handicap firing. Huff fired a 292.626 handicap score, and a 292 scratch total. Second-place scratch honors went to Dave DeWalt with a 286. Second-placed handicap firer was Carl Brewster with a 289-670, and DeWalt, 289.254.

Team scoring went: Scratch, X-10: 1435; Independents: 1432... and Y-12: 1422. Handicap firing was: X-10: 1458.805; Independents 1448.843; and Y-12: 1447.930.

Frank Barnes led the ORNL firers with 291 scratch; W. D. Clark fired best with the 290 on the Independent squad.

Team	Points
X-10	18
Y-12	9
Independents	9



A-SHIFT POP-UPS DOOD IT AGAIN—In the second game of the A Shift World Series, the Pop-Ups (PSS, Utilities and Production) defeated the Sluggers (Maintenance, Fire and Guard) by a score of 24-17. The teams vied for the trophy recently at Pinewood. Bill Dyer and Anne Lawless admire the unusual trophy as Fireman J. D. Mathes wishfully looks on. The Sluggers will have to wait until next season to claim it for their showcase.

Bush Bowlers Fire Opening Guns

The six-team Bush League fired its opening guns on the bowling lanes last week. Captains of the big teams are J. K. Bryson, FLUBS; Ray Waldrop, Dry Hides; L. C. Peters, Reagents; Roger Cloyd, Beavers; Lonzie Patterson, Untouchables; and Don Stinnett, Outcasts. League officers are Ray Waldrop, president; John Harding, veep; and Don Forrester, secretary and treasurer.

In opening play, the Beavers showed their nettle and took four from the Reagents. The Dry Hides cured the FLUBS for three... and the Outcasts touched the Untouchables for three.

J. Austin, Beavers and Ambrose Ballard, Dry Hides, tied in single rolling... each with a 212 game. Austin's series of 544 scratch, 591 handicap was high, however.

The Beavers swept the board honors, taking singles of 874

Classic's Eightballs Need One Bowler!

There is a rare vacancy in the Classic League, Y-12's oldest and biggest bowling outfit. The Classic rolls Thursday afternoons at 5:45 p.m. at the Ark Lanes. The vacancy is on the Eightballs team. Interested bowlers should contact H. L. Horne, extension 3-7768.

scratch, 969 handicap; series of 2398 and 2821.

League standings follow:

Team	W	L
Beavers	4	0
Dry Hides	3	1
Outcasts	3	1
FLUBS	1	3
Untouchables	1	3
Reagents	0	4

It is always time for security.



LONE SOME?

**WANT TO MEET PEOPLE?
WANT TO BE NOTICED?
LIKE EXCITEMENT?**

*Then just leave your
Safe open tonight.*

**your Friendly
Security Officer**

**UNION CARBIDE CORPORATION
NUCLEAR DIVISION**

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Permit No. 71

Two Divisions Over-The-Top In 'Fair Share' Fund Drive

Continued from Page 1

Cowen, J. H. Key, M. P. Crews, J. J. Holzknicht, S. H. Sexton, A. H. Hunter, R. M. Moretz, T. E. Langford, L. B. Eggers, K. F. Martin, J. R. Bosson, C. H. Noe, B. A. Clark, H. B. Pruden, F. W. Kyte, J. L. Reagan, E. R. McConkey, J. T. Reel, W. E. Wilson, H. G. Simerly, A. Q. Gervin, J. L. Spray and W. P. Mattingly.

Research Services reports D. G. Hill, W. R. Jones, H. K. Bailey, C. J. Cumbie, C. L. Gossage, F. K. Booth, C. W. Whirry, W. R. Carver, H. A. Sinclair, J. L. Sprouse, C. E. Helfenberger, C. W. Mason and R. H. Norman.

In Maintenance Administrative Services it is J. E. Harding and H. A. Fischer Jr.

Area Five Maintenance has D. D. Stroud, assisted by H. F. Plyman.

In other capacities in the Area Five group it is F. F. Orme, J. S. McGhee, R. H. Bacon, F. Queener, J. B. Henry, G. H. Young, H. F. Plyman, E. E. Green, A. D. Cotton, G. R. Myers, O. L. Williams, F. Morgan, H. F. Wyrick, J. T. Calhoun, M. W. Honeycutt, H. D. Cofer, R. C. Hill, C. A. Goddard, R. C. Hill, M. D. Story, L. T. Sliger, C. E. Gaut, A. L. Rainwater, R. A. Hubbard, H. S. Bartless, J. E. Boland, C. M. Simcox, F. J. Blair and J. P. Jones.

Product Engineering, saluted already for its over the top report, had W. E. O'Dell, with solicitors K. R. Haeusler, W. B. Hood, H. C. Buckminster, E. N. Cothron, and R. C. Green.

Plant Engineering, headed by B. B. Bell, has solicitors H. M. Abele, R. G. Orrison, M. C. Bell, B. H. Hale, P. J. Bertin, D. K. Grizzell, J. E. Bartholomew and J. H. Boyd.

Accounting and Budget was handled by A. R. McConkey

20 Aides Appointed In Utilities And Shift Superintendents

Assisting in Shift Superintendents and Utilities were H. N. Benninghoff, E. S. Smith, R. W. Brothers, H. R. Cannon, Harold Babb, O. K. Clotfelter, H. D. Cunningham, R. D. Freels, J. C. Hastings, R. B. Amos, W. W. Hammer, C. A. Hall, L. A. Litton (who acted as co-chairman along with N. A. O'Neal and E. A. Pluhar), J. L. Hart, J. E. Llewellyn, J. B. Tallent, N. W. Evans, J. H. Thomas, J. T. Maxwell and L. M. LaRue.

The Development Division produced Joe L. Williams, C. E. Irwin, C. J. Roesch, W. W. Lee Jr., Elmo Webb, A. W. Maxey, G. G. Bittner, J. H. Rowan and K. O. Pearson.

Assembly, headed by J. A. Whitten, enlisted V. Henegar, T. D. Tucker, K. D. Baker, C. D. Borum, C. E. Jenkins and D. G. Kiser. R. G. Spurling, J. L. Brown, L. G. Pack, W. M. Simpson, A. H. Wilson, H. A. Price, A. P. Brown, J. K. Raper and S. E. Pelizzari.

In Fabrication it was F. Ludwig, assisted by G. W. Holcombe, M. P. Crews Jr., J. B. Fincher, W. C. Fraley, H. F. Lefler, G. F. Manning, L. N. Moncier, B. T. Shumpert, C. B. Smith, C. E. Spradlin, F. L. Teno and C. E. Nance.

In Industrial Relations, W. S. Porter was assisted by C. B. Brewster, R. T. Cantrell, L. M. Lawhorn and Frankie Goss.

Another Host Of Workers Named In Metal Preparation Division

Metal Preparation, headed by Neal Dow, enlisted the aid of R. H. McNabb, W. F. McDougal, E. J. Delaney, J. R. Mangrum, L. C. Dunsmore, M. J. Stapleton, J. B. Kennedy, F. D. Jeffreys, E. P. Bostick, W. H. Norman, J. H. Hammond, K. L. Honeycutt, J. P. Seagle, M. L. Sweet, R. C. Smith, A. T. Van Dyke, T. L. Bradshaw, H. Swallows, J. D. Vannoy, O. D. Sanders, W. W. Welch, E. D. Allen, M. C. Butcher, E. P. Duke, M. L. Rice, R. K. Jones, E. G. Crouse, J. P. Cook, E. M. White, J. S. Tilley, D. J. Nichols and J. O. Loggins.

Materials and Services was captured by J. H. Rohland. He was assisted by R. H. Stooksbury, G. F. Babb, J. W. Leinart, E. Duncan and J. A. Jarnigan, in addition to J. R. Rutter, H. P. Rice, Corum Scott, E. Guettner and Edith Cruze.

L. A. Stephens, Merwyn Sanders Head Technical Division Drive

The Technical Division, led by M. Sanders and L. A. Stephens, called Bob Keller, Mildred Kasten, Bob Lucke, Louise Rogers, Eddie Roberts, Ray McGinnis, R. J. Brown, J. C. Jordan, R. L. Coffey, K. C. Burgess and H. G. Crigger. In Production Certification it was J. H. Smith, Richard French, R. L. Jamison, N. J. Cannon, E. Patrick, R. A. Viator, C. E. Legg, R. E. Hester, G. W. Bailey, E. L. Henson, Bert Searles, Ben Houser, R. G. Williams, W. C. Carden and W. R. Hicks.

These employees, and many more, for the above is just a partial list, are doing more than their 'fair share.' In addition to giving themselves, they are distributing cards among fellow employees.

Have you given your fair share yet?

Remember, the price is so little . . . and the joy of giving great. So little is asked . . . and so much is returned in community services to the lonely, the young, the handicapped, and the aged.

Have you signed the 'fair share' card yet?



PROFESSOR T. W. HETHELY, Georgia Institute of Technology, left, places bacteria on the floor of Y-12's Clean Room. He is assisted by Y-12er C. M. Bradford, center, and W. B. Cown, also of Georgia Tech. The experiments were designed to follow the flow of bacteria in a laminar flow clean room.

Ed Cook Heads South's Boosters

South High School, Knoxville, can boast one of the fine Boosters' Clubs in the country. So good is this group of hard working adults that they acquired a football stadium for the school . . . one of the first in the city to have its own.



Ed Cook

President Ed Cook, Electrical, is himself a native of Knoxville, even though he's been here since 1953. Before coming to Y-12 Ed served a hitch in the Navy.

The Club sells programs and refreshments at all home football games. This will help pay for the stadium. Concessions at all home basketball games are also led by the Boosters' Club.

The Cooks live at 3329 Coffman Drive, Knoxville.



Ride wanted from Vandalia Road, Oak Ridge, to Biology Portal, straight day. George Smiley, plant phone 3-7628, home phone Oak Ridge 483-3476.

Ride wanted or will join car pool from Fountain City, Forest Heights section, to any portal, straight day. H. W. Kirkland, plant phone 3-5894, home phone Knoxville 525-0025.

Ride wanted from 118 West Churchwell, Knoxville, near big red star on North Central, to West Portal, straight day. Nora Hurst, plant phone 3-5923, home phone Knoxville 523-1372.

Ride wanted or will join car pool from Mohawk Road, off Robertsville, to Biology or North Portal, straight day. Fred Postma, plant phone 3-5416, home phone Oak Ridge 483-7381.

Y-12' Ultra-Clean Room Used In Germ Tests By Georgia Tech Experimenters

An experiment aimed at finding better ways to remove bacterial contamination from hospital facilities was conducted recently in Y-12's ultra-clean room.

The test was performed by personnel from the Bioengineering Laboratory of the Georgia Institute of Technology, Atlanta. It was part of a continuing study they are conducting to evaluate ways of removing airborne contamination from rooms which must be kept antiseptically clean. These investigations are supported by research grants from the Division of Occupational Health, U.S. Public Health Service.

Y-12's Ultra-Clean Room Used In Experiments

Site of the experiment was Y-12's vertical laminar flow clean room, normally used for special research on studies relating to the nation's nuclear and space programs which require a completely dust and dirt-free environment.

Air is introduced to the room through a ceiling containing 72 absolute filters which were pre-tested at over 99.99 percent efficiency. The air flows directly downward at the rate of 65 feet per minute to be exhausted through a floor grating. There are some 366 air changes per hour in the room—higher than any known hospital facility.

Bacteria Sprayed In Room's Center Ceiling

To conduct the test, bacteria samplers furnished by the Georgia Tech experimenters were arranged on the floor in a grid pattern three feet apart. Their purpose was to catch bacteria sprayed into the room by an aerosol device located near the ceiling at the room's center. The bacteria employed, *Serratia marcescens*, were a relatively harmless type which died within 24 hours.

It was found that only two samplers, those directly beneath the atomizer, recorded any bacteria. There was no evidence of diffusion of bacteria throughout the room and no indication of the return of any bacteria through the air filtration system into the room.

Tombrello Leads Physics Seminar

T. A. Tombrello, California Institute of Technology, will conduct this week's Physics Division seminar. His subject will be "Three- and Four-Body Final Stages from $He^3 + He^3$."

The seminar is set for Friday, October 15, at 3:15 p.m., in the East Auditorium of ORNL's 4500 building.

Today Is Final Chance To Trade Old Blue Badge

Today, October 13, is the final day in the current badge exchange. If you have not swapped your old solid blue badge for the yellow bordered one . . . after 11 p.m. today, it'll be too late.

If for some reason, sickness, vacation, or what-have-you, you

'Reclining Figure' Opens Playhouse Season

The Oak Ridge Playhouse opens its 1965-66 season this Friday, October 15. The witty comedy "Reclining Figure" will be presented Friday, Saturday and Sunday, October 15, 16, 17 and 22, 23 and 24.

Tickets are on sale at the box office in Jackson Square.

Meanwhile, try-outs are announced for Monday, October 18, at 7:30 for the popular "Music Man." Men, women and children over ten are required in the large cast . . . and singers are requested to bring material for singing with them to Monday night's try-outs.

failed to swap your badge, you will have to report to Badge and Pass, Building 9704-2. Tomorrow the old badges will not be honored at the portals.